



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

PRESENTS

RECEIVED BY THE

ROYAL SOCIETY,

From November 1804 to July 1805;

WITH THE

NAMES OF THE DONORS.

1804.

PRESENTS.

DONORS.

- | | |
|--|---|
| <p>Nov. 8. Transactions of the Linnean Society. Vol. VII. London, 1804. 4°</p> <p>Transactions of the American Philosophical Society, held at Philadelphia. Vol. VI. Part. I. Philadelphia, 1804. 4°</p> <p>The Philosophical Transactions abridged. Vol. III. Part IV. and Vol. IV. 4°</p> <p>General Zoology, by G. Shaw. Vol. V. London, 1804. 8°</p> <p>Observations on the Plague, the Dysentery, the Ophthalmy of Egypt, by P. Assalini, translated by A. Neale. London, 1804. 12°</p> <p>A Journal of Natural Philosophy, by W. Nicholson. No. 31—35.</p> <p>Dissertations, Essays, and Parallels, by J. R. Scott. London, 1804. 8°</p> <p>The Philosophical Magazine, by A. Tilloch. No. 73—77.</p> <p>The Narrative of Captain David Woodard and Four Seamen, who lost their Ship while in a Boat at Sea, and surrendered themselves up to the Malays, in the Island of Celebes. London, 1804. 8°</p> <p>15. Morborum puerilium Epitome, Auctore G. Heberden. Londini, 1804. 8°</p> <p>Bibliothèque Britannique. No. 179—204.</p> | <p>The Linnæan Society.</p> <p>The American Philosophical Society.</p> <p>Messrs. C. and R. Baldwin.</p> <p>Mr. George Kearsley.</p> <p>Mr. Adam Neale.</p> <p>Mr. William Nicholson.</p> <p>The Rev. John Robert Scott, D. D.</p> <p>Mr. Alexander Tilloch.</p> <p>William Vaughan, Esq.</p> <p>William Heberden, M. D. F. R. S.</p> <p>Professor Pictet, F. R. S.</p> |
|--|---|

PRESENTS.

22. *Commentationes Societatis Regiæ Scientiarum Gottingensis ad A. 1800—3. Vol. XV. Gottingæ, 1804.* 4°
 On the Cultivation and Preparation of Hemp, by R. Wissett. London, 1804. 8°
 An Account of the Fall of the Republic of Venice, translated from the Italian, by J. Hinckley. London, 1804. 8°
- Dec. 6.* Fasciculus V. of a Synopsis of the British Confevæ, by L. W. Dillwyn.
 A Reply to the Animadversions of the Edinburgh Reviewers on some Papers published in the Philosophical Transactions, by T. Young. London, 1804. 8°
 The Philosophical Transactions abridged. Vol. V. Part I.
 Meteorological Journal kept at Nottingham-house, near the Athapescow Lake, from Oct. 1, 1802, to May 21, 1804. MS. fol.
 A Journal of Natural Philosophy, by W. Nicholson. No. 36.
 Report of a Medical Committee on the Cases of supposed Small-pox after Vaccination, which occurred in Fullwoods Rents. London, 1804. 8°
 The Philosophical Magazine, by A. Tilloch. No. 78.
13. State of the Thermometer at Quebec, from Nov. 1, 1803, to July 27, 1804. MS.
 A Catalogue of Books contained in the Library of the Medical Society of London. London. 8°
20. A View of the Old Palace at Hampton Court.
1805.
Jan. 10. *Scriptores Logarithmici*, or a Collection of Tracts on the Nature and Construction of Logarithms. Vol. V. London, 1804. 4°
 The Nautical Almanack for the Year 1809. London, 1804. 8°
 The Philosophical Transactions abridged. Vol. V. Part II.
 A Journal of Natural Philosophy, by W. Nicholson. No. 37.
 The Philosophical Magazine, by A. Tilloch. No. 79.
17. A Meteorological Journal of the Year 1804, kept in London, by W. Bent. London, 1805. 8°
24. Meteorological Journal kept on board the Marine Society's Ship in 1804. MS. fol.
31. Annals of Medicine for the Years 1803—4, by A. Duncan, sen. M. D. and A. Duncan, jun. M. D. Vol. III. Lustrum II. Edinburgh, 1804. 8°
 Nuovo Metodo di applicare alla Sintesi la Soluzione analitica di qualunque Problema geometrico, di A. Romano. Venetia, 1793. 8°

DONORS.

- The Royal Society of Sciences of Gottingen.
 Robert Wissett, Esq.
 F. R. S.
 John Hinckley, Esq.
 Lewis Weston Dillwyn, Esq. F. R. S.
 Thomas Young, M. D. F. R. S.
 Messrs. C. and R. Baldwin.
 Joseph Colen, Esq.
 Mr. William Nicholson.
 Mr. Charles Pears.
 Mr. Alexander Tilloch.
 Lieut. Gen. Davies, F. R. S.
 The Medical Society of London.
 The Society of Antiquaries.
 Francis Maseres, Esq. F. R. S.
 The Commissioners of Longitude.
 Messrs. C. and R. Baldwin.
 Mr. William Nicholson.
 Mr. Alexander Tilloch.
 Mr. William Bent.
 The Marine Society.
 Andrew Duncan, sen. M. D. and Andrew Duncan, jun. M. D.
 Sig. Antonio Romano.

PRESENTS.

Feb. 7. Abbozzi di Fenomeni del Vesuvia, da 12 Sept. 1779, al 20 Agosto, 1795, dal P. Antonio Piaggio. MS. 7 Vols. 4°

Descrizione dell' Incendio del Vesuvio degli 8 Agosto 1779, dal P. Antonio Piaggio. MS. 4°
The Philosophical Transactions abridged. Vol. V. Part III.

A Journal of Natural Philosophy, by W. Nicholson. No. 38.

The Philosophical Magazine, by A. Tilloch. No. 80

21. Acta Academiæ Scientiarum Imperialis, Petropolitanae pro Anno 1779, Pars prior et posterior; et 1782 Pars posterior. Petropoli 1782, 1786. 4°

Indian Serpents. Vol. II. Part II.

Observations on Cancer, by E. Home. London, 1805. 8°

28. The Report of R. Mylne on the proposed Improvement of the Drainage and Navigation of the River Ouze, by executing a straight cut from Eau Brink to King's Lynn. London, 1792. 4°

Eau Brink, new River, or Cut Deed Roll, stating the Opinion (in the Nature of an Award) of Jos Huddart, Esq. London, 1804. 4°

The Philosophical Transactions abridged. Vol. V. Part IV.

Important Discoveries and Experiments elucidated on Ice, Heat and Cold, by J. Hall. London, 1805. 8°

Mar. 7. A Journal of Natural Philosophy, by W. Nicholson. No. 39.

The Philosophical Magazine, by A. Tilloch. No. 81.

14. Transactions of the Society for the Encouragement of Arts, Manufactures, and Commerce. Vol. XXII. London, 1804. 8°

A short Account of the Cause of the Disease in Corn, called by the Farmers the Blight, the Mildew, and the Rust. London, 1805. 4°

Observations tendant à prouver que l'Acide muriatique oxigéné n'est pas une Combinaison de l'Acide muriatique et de l'Oxigène, par S. Pugh. Rouen, 1804. 4°

21. Mémoires de l'Académie Royale des Sciences et Belles Lettres, 1801. Berlin, 1804. 4°

DONORS.

The Right Hon. Sir Joseph Banks, Bart. K. B. P. R. S. in consequence of the directions of the late Right Hon. Sir William Hamilton, K. B.

Messrs. C. and R. Baldwin.

Mr. William Nicholson.

Mr. Alexander Tilloch,

The Imperial Academy of Sciences of Petersburg.

The Committee of Warehouses of the East-India Company.

Everard Home, Esq. F. R. S.

Robert Mylne, Esq. F. R. S.

Messrs. C. and R. Baldwin.

Rev. James Hall, A. M.

Mr. William Nicholson.

Mr. Alexander Tilloch.

The Society for the Encouragement of Arts, Manufactures, and Commerce.

The Right Hon. Sir Joseph Banks, Bart. K. B. P. R. S.

M. Pugh, of Rouen.

The Royal Academy of Sciences of Berlin.

PRESENTS.

- Astronomical Observations made at the Royal Observatory at Greenwich, from 1750 to 1762, by J. Bradley, Vol. II. together with a Continuation of the same by N. Bliss. Oxford, 1805. fol.
- Astronomisches Jahrbuch für das Jahr 1807, von J. E. Bode. Berlin, 1804. 8°
- Journal de Chemie et de Physique, par J. B. van Mons. No. 15.
- April 4.* Connaissance des Temps pour l'An 15, publiée par le Bureau des Longitudes, Paris, 1804. 8°
- Letters on Chinese Literature. London, 1804. 8°
25. Elementary Treatises on the fundamental Principles of practical Mathematics, by S. Lord Bishop of Rochester. Oxford, 1801. 8°
- Euclidis Elementorum Libri XII. priores, edidit, auxit et emendavit S. Episcopus Roffensis Oxonii, 1802. 8°
- Euclidis Datorum Liber, nec non Tractatus alii ad Geometriam pertinentes; edidit S. Episcopus Asaphensis. Oxonii, 1803. 8°
- Plantarum Guianæ rariorum Icones et Descriptiones hactenus ineditæ, Auctore E. Rudge. Vol. I. Londini, 1805. fol.
- Chirurgical Observations relative to the Eye, by J. Ware. London, 1805. 2 Vols. 8°
- A Journal of Natural Philosophy, by W. Nicholson. No. 40.
- The Philosophical Magazine, by A. Tilloch. No. 82.
- Journal de Chemie et de Physique, par J. B. van Mons. No. 16.
- May 2.* The Philosophical Transactions abridged. Vol. VI. Part I.
- A Journal of Natural Philosophy, by W. Nicholson. No. 41.
- The Philosophical Magazine, by A. Tilloch. No. 83.
9. Plants of the Coast of Coromandel, by W. Roxburgh, M.D. Vol. II. No. 4.
16. Part the First of the General Survey of England and Wales, by the Surveyors of his Majesty's Ordnance, under the Direction of Lieut. Col. Mudge. 4 Sheets.
- Table of Meteorological Observations on Sea and Land in various Climates, by James Horsburgh. MS. 4°
- Kongl. Vetenskaps Academiens Nya Handlingar. Tom. XXIII, för År 1802, 4th Quarter; Tom. XXIV. för År 1803; and Tom. XXV. för År 1804, 1st and 2d Quarters. Stockholm. 8°
30. The Philosophical Transactions abridged. Vol. VI. Part II.

DONORS.

- The Delegates of the Clarendon Press at Oxford.
- Mr. J. E. Bode, F. R. S.
- M. van Mons, of Brussels.
- Le Bureau des Longitudes de France.
- Antonio Montucci, LL. D.
- The Lord Bishop of St. Asaph, F. R. S.
-
- Edward Rudge, Esq. F. R. S.
- James Ware, Esq. F. R. S.
- Mr. William Nicholson.
- Mr. Alexander Tilloch.
- M. van Mons, of Brussels.
- Messrs. C. and R. Baldwin.
- Mr. William Nicholson.
- Mr. Alexander Tilloch.
- The Committee of Warehouses of the East-India Company.
- Lieut. Colonel Mudge, F. R. S.
- Alexander Dalrymple, Esq. F. R. S.
- The Royal Academy of Sciences of Stockholm.
- Messrs. C. and R. Baldwin.

PRESENTS.

DONORS.

- June 13.* Werneria, or Short Characters of Earths. London, 1805. 12°
 Reflections on the Commerce of the Mediterranean, by J. Jackson. London, 1804. 8°
 A Journal of Natural Philosophy, by W. Nicholson. No. 42.
 The Philosophical Magazine, by A. Tilloch. No. 84.
20. Plates 15, 16 and 17 of the 4th Volume of Vetusta Monumenta.
 The Critical Review, February—May 1805. 8°
 Relazione del Fenomeno accaduto in Scilla 1790, la Mattina de' 24 Marzo, dal Dr. Rocco Bovi. MS. fol.
27. Royal Humane Society. Annual Report, 1805. London. 8°
 A General View of the Writings of Linnæus, by R. Pulteney; the second Edition, with Additions and Corrections, by W. G. Maton. London, 1805. 4°
 Plantarum Guianæ rariorum Icones et Descriptiones hactenus ineditæ, Auctore E. Rudge. Fasciculus II. et III.
- July 4.* A complete Collection of Tables for Navigation and Nautical Astronomy, by J. de Mendoza Rios. London, 1805. 4°
 The Philosophical Transactions abridged. Vol. VI. Part III.
 A Journal of Natural Philosophy, by W. Nicholson. No. 43.
 The Philosophical Magazine, by A. Tilloch. No. 85.
 The Critical Review, June 1805.
 Sulla Inutilità della Questione intorno alla Misura delle Forze vive per la Risoluzioni de' Problemi dinomici, Memoria dell' Ab. A. Zandrini. Venezia, 1804. 8°
- The Author.
 John Jackson, Esq.
 Mr. William Nicholson.
 Mr. Alexander Tilloch.
 The Society of Antiquaries.
 The Editor.
 Don Rocco Bovi.
 The Royal Humane Society.
 William George Maton, M. D. F. R. S.
 Edward Rudge, Esq. P. R. S.
 Joseph de Mendoza Rios, Esq. F. R. S.
 Messrs. C. and R. Baldwin.
 Mr. William Nicholson.
 Mr. Alexander Tilloch.
 The Editor.
 Abbate Zandrini.

INDEX

TO THE

PHILOSOPHICAL TRANSACTIONS

FOR THE YEAR 1805.

A	page
<i>ADHESION</i> of sulphuric acid and of alcohol to glass, - - -	72
_____ of mercury to glass, - - -	75
_____ to other substances, - - -	76
<i>Alburnum</i> , variations of its density, - - -	91
<i>Asteroid</i> , term applied to the star lately discovered by Mr. Harding, - - -	57
<i>Attraction</i> and repulsion, apparent of floating bodies, -	78

B	
<i>Barometer</i> , its diurnal variation at sea between the tropics,	177
_____ does not appear on shore,	181
<i>Benzoic acid</i> , formed from dragon's blood, - - -	298
<i>Blood</i> , its temperature in various animals, - - -	22
<i>Boracic acid</i> , its use in the analysis of stones that contain a fixed alkali, - - -	231
<i>Buds</i> , on the reproduction of, - - -	257

C	
<i>Camphor</i> , experiments upon it with sulphuric acid, -	302
<i>Carbonaceous substances</i> acted upon by nitric acid yield a sub- stance resembling tannin, - - -	215
CARLISLE, ANTHONY, Esq. Croonian Lecture on muscular motion, - - -	1
_____ On the physiology of the stapes, one of the bones of the organ of hearing; deduced from a compa- rative view of its structure, and uses, in different animals,	198
CHENEVIX, RICHARD, Esq. On the action of platina and mercury upon each other, - - -	104
<i>Cohesion of fluids</i> , essay on, - - -	65
<i>Columella</i> , a bone in the ear of birds, - - -	205

INDEX.

	<i>page</i>
<i>Conducting powers</i> , relative of platina, palladium, silver, and copper, - - - - -	329
<i>Crimping of fish</i> , experiments on, - - - - -	23
<i>Crystalline lens of the eye</i> , probably muscular, - - - - -	14

D

DAVY, HUMPHRY, Esq. An account of some analytical experiments on a mineral production from Devonshire, consisting principally of alumine and water, - - - - -	155
----- On a method of analyzing stones containing fixed alkali, by means of the boracic acid, - - - - -	231
<i>Diameters</i> , spurious, of terrestrial objects, - - - - -	44, 51
----- differ according to the portion of mirror employed to view them, - - - - -	52
----- of celestial objects, - - - - -	54, 55
----- criterion for distinguishing spurious from real, - - - - -	52
<i>Dragon's blood</i> , experiments on, - - - - -	297

E

<i>Elevation of fluids</i> , by adhesion, - - - - -	70
<i>Expansion</i> , comparative, of platina, palladium, and steel, - - - - -	329

F

FLINDERS, MATTHEW, Esq. Concerning the differences in the magnetic needle, on board the Investigator, arising from an alteration in the direction of the ship's head, - - - - -	186
<i>Fluids</i> , cohesion of, - - - - -	65

G

GREGOR, REV. WILLIAM. Experiments on a mineral substance, formerly supposed to be zeolite; with some remarks on two species of uran-glimmer, - - - - -	331
--	-----

H

<i>Harding</i> , Mr. his star observed by Dr. Herschel, - - - - -	57
HATCHETT, CHARLES, Esq. On an artificial substance, which possesses the principal characteristic properties of tannin, - - - - -	211
----- Additional experiments and remarks on the same substance, - - - - -	285
<i>Heart</i> , malformation of, in an infant, - - - - -	228
HERSCHEL, WILLIAM, LL. D. Experiments for ascertaining how far telescopes will enable us to determine very small	

INDEX.

page

angles, and to distinguish the real from the spurious diameters of celestial and terrestrial objects: with an application of the result of these experiments to a series of observations on the nature and magnitude of Mr. Harding's lately discovered star,	31
HERSCHEL, WILLIAM, LL. D. Experiments on apparent magnitudes of pins heads,	32
globules of sealing wax,	33
of silver,	35, 44
of pitch, bees-	
wax, &c.	36
illuminated globules,	40
globules of quicksilver,	48
On the direction and velocity of the motion of the sun and solar system,	233
Observations on the singular figure of the planet Saturn,	272
<i>Hibernation of animals</i> , remarks on,	17
HORSBURGH, J. Esq. Abstract of observations on a diurnal variation of the barometer between the tropics,	177
<i>Hyacinths</i> found among crude platina,	318

I

<i>Ibis, Egyptian</i> , mummies of,	264
two species,	269
<i>Indigo</i> , yields a tanning substance by action of nitric acid,	294
<i>Iridium</i> , ore of, mixed with crude platina,	317
<i>Juno</i> , its magnitude estimated by Dr. Herschel,	61

K

KNIGHT, THOMAS ANDREW, Esq. Concerning the state in which the true sap of trees is deposited during winter,	88
On the reproduction of buds,	257

L

<i>Lacteals</i> , whence they receive their fluids,	8
<i>Lampadius</i> , observations on his formation of sulphur-alcohol,	115
LANE, TIMOTHY, Esq. On the magnetic attraction of oxides of iron,	281
<i>Leaves</i> contain three kinds of vessels,	100
<i>Lecture, Croonian</i> ,	1
<i>Lymphducts</i> arise from cellular membrane,	8

INDEX.

page

M

<i>Magnetic needle</i> observed to vary on ship-board, according to the position of the ship's head, - - -	186
<i>Marmot</i> , a peculiarity in the bones of its ear, - - -	204
<i>Mercury</i> , its adhesion to glass and other bodies, - - -	86
<i>Mirror of reflecting telescopes</i> , how its different parts affect the spurious diameters of objects, - - -	46
<i>Morveau</i> , remarks on his experiments upon the adhesion of metals to mercury, - - -	76
<i>Mummies</i> , account of two of the Egyptian Ibis, - - -	264
<i>Muscles</i> , often both red and colourless in the same animal, - - -	4
———— their bulk varied by exertion, - - -	23
———— their specific gravity altered by crimping, - - -	23
———— their irritability destroyed by various agents, - - -	26
———— their cohesive attraction is less when they cease to be irritable, - - -	3
MUSKET, MR. DAVID. Experiments on wootz, - - -	163

N

<i>Nerves</i> distributed in greater proportion to voluntary muscles, than to other parts, except the organs of sensation, - - -	8
———— their extreme fibrils transparent, - - -	9
———— possess powers of restoration, - - -	10

O

<i>Ovaria</i> deficient in a full grown woman, - - -	225
--	-----

P

<i>Palladium</i> , attempts to form it artificially, - - -	106
———— by Tromsdorff and Klaproth unsuccessful, - - -	111
———— out of 1000 attempts, four successful, - - -	112
———— its compound nature supported by Ritter, - - -	113
———— on the discovery of, - - -	316
———— the separation of, - - -	322
———— detonating prussiate of, - - -	328
———— its conducting power, - - -	329
———— reasons for considering it a simple metal, - - -	325
PEARS, MR. CHARLES. The case of a full grown woman in whom the ovaria were deficient, - - -	225
PEARSON, JOHN, Esq. Some account of two mummies of the Egyptian Ibis, one of which was in a remarkably perfect state, - - -	264

INDEX.

	<i>page</i>
<i>Pessulus</i> , a peculiar bone so named in the ear of the marmot and Guinea-pig, - - - - -	204
PICOTT, EDWARD, Esq. An investigation of all the changes of the variable star in Sobieski's Shield, from five years observations, exhibiting its proportional illuminated parts, and its irregularities of rotation; with conjectures respecting unenlightened heavenly bodies, - - - - -	131
<i>Platina</i> , on the fusion of it, - - - - -	109
—— precipitated by green sulphate of iron, under what circumstances, - - - - -	117
—— how to be united most advantageously with mercury, - - - - -	120
—— other methods, - - - - -	123, &c.

R

<i>Repulsion</i> , apparent of floating bodies, - - - - -	78
<i>Richter</i> , remarks upon his attempts to combine platina with mercury, - - - - -	111
<i>Ritter's</i> galvanic arrangement of metals and alloys, - - - - -	113
<i>Rose and Gehlen, Messrs.</i> attempt to form palladium, - - - - -	106
<i>Roots</i> , their mode of growth, - - - - -	99

S

<i>Sap</i> , aqueous, from high incisions sweeter and heavier than from low incisions, - - - - -	91
—— true, concerning the state in which it is deposited during winter, - - - - -	88
<i>Saturn</i> , on the singular figure of that planet, - - - - -	272
STANDERT, MR. HUGH CHUDLEIGH. A description of malformation in the heart of an infant, - - - - -	228
<i>Stapes</i> , the physiology of, - - - - -	198
—— the bone described, - - - - -	201
<i>Star</i> , on the magnitude of that lately discovered by Mr. Harding, - - - - -	31, 55
—— variable in Sobieski's Shield, - - - - -	131
<i>Steel</i> , experiments on that called wootz, - - - - -	163
<i>Sulphur-alcohol</i> of Lampadius, - - - - -	115
<i>Sun</i> , on the direction and velocity of its motion, - - - - -	233

T

<i>Tannin</i> , on a substance which resembles it, - - - - -	211
—— properties of that substance, - - - - -	215
—— formed by action of nitric acid on carbonaceous substances, - - - - -	215
—— whether animal, vegetable, or mineral, - - - - -	217

INDEX.

	<i>page</i>
<i>Tannin</i> , formed by action of nitric acid, on substances reduced to the state of coal, whether by fire, or by sulphuric acid,	219
——— additional remarks on it, - - - - -	285
——— its indestructibility, - - - - -	286
——— its imputrescibility, - - - - -	288
——— on the destructibility of various kinds of natural tannin,	288
——— artificial substance distilled, - - - - -	292
——— formed by action of nitric acid on various substances not carbonized, - - - - -	295
——— probably formed by simple exposure of some substances to a certain temperature, -	302
<i>Telescopes</i> , experiments on their power of ascertaining the magnitudes of very small celestial objects, - -	31
<i>Torpedo</i> , its battery probably governed by a voluntary muscle,	11

U

<i>Uran glimmer</i> , experiments on, - - - - -	331
<i>Variation</i> of compass on board ship, arising from position of the ship's head, - - - - -	186
——— of the magnetic needle at Somerset-house, at the end of the Meteorological Journal, - - - - -	[27]

W

<i>Wavellite</i> , on a fossil from Devonshire so called, -	155
WOLLASTON, WILLIAM HYDE, M. D. On the discovery of palladium; with observations on other substances found with platina, - - - - -	316
<i>Wood</i> , winter-felled more dense than summer-felled, -	93
<i>Wootz</i> , experiments on, - - - - -	163

Y

YOUNG, THOMAS, M. D. An essay on the cohesion of fluids,	65
--	----

Z

<i>Zeolite</i> , experiments on a mineral substance resembling it,	155, 331
——— yielding a peculiar sublimate, - - - - -	334
——— properties of the sublimate, - - - - -	341